

A PROCESS OF NEW SEASONING PROMISES BOOST LUMBER TRADE

(Special to The Intelligencer.)
Washington, April 17.—Increased value of lumber and timber products of the entire south, the limit of which is practically impossible to estimate, is promised, the perfecting of a new process of seasoning lumber and large timbers, details of which have just been made public. The new method, which is called a lumber and timber vulcanizing process, is being tested at the forest products laboratory of the United States forest service at Madison, Wis., after exhaustive tests covering a period of three years at Columbia University, New York. The process has also been tested at several experimental plants in different parts of the country with uniform success.

By the lumber vulcanizing process lumber green from the saw is commercially dried in 24 hours or less. A feature of the process that distinguishes it from all dry-kiln processes is that it dries lumber thoroughly without the slightest deterioration, but on the contrary with a material increase of strength.

Of especial interest to the southern lumber industry is the fact that by the new method black and tupo gum lumber can be thoroughly dried and converted into marketable lumber in 24 hours, as has been demonstrated by repeated practical tests. When it is considered that the south has more than 50,000,000 acres of these two timbers, hitherto worthless as lumber, an adequate idea of the value of the lumber vulcanizing process may more readily be gained. Present kiln-drying or air-drying methods have always worthless as regards these two timbers, though the lumber when properly dried is exceptionally fine for general use. Oak, cypress and other lumbers is thoroughly dried and materially strengthened by the lumber vulcanizing process in from six to 24 hours, these heretofore requiring from two weeks to two months in kiln-drying and a year or more for drying on the sticks in the air.

The new process is called lumber vulcanizing. It consists of drying the lumber or timber under superheat and in a vacuum. The lumber is sealed in long steel cylinders into which it is loaded on specially constructed cars. Superheated steam is applied, which quickly raises the sap in the lumber to the boiling point and draws it, with the gum, resins, etc., of the wood to the surface. This is accomplished in a very short time, after which the steam is withdrawn and a vacuum created in which the remainder of the vulcanizing process is completed. The superheated steam and vacuum treatment, it is explained, makes it possible to dry the lumber thoroughly without any danger of "case hardening" or other effects detrimental to the lumber, as proper drying conditions are effected in vacuum at much lower temperatures than at ordinary atmosphere pressure, a fact readily demonstrable by elementary physics.

In tests conducted over a period of three years at Columbia University under practical working conditions, black and tupo gum planks one inch thick, green from the saw, were thoroughly dried in 24 hours, the lumber coming out of the vulcanizing process absolutely free from checks and cracks, perfectly straight and with a material hardening and strengthening of fiber, the transverse and the crushing strength of the vulcanized lumber being proved to be four times that of green lumber from the same logs.

Losses to the lumber industry of the south by reason of deterioration of lumber seasoning "on the sticks" for a year or more have always been heavy, because much of such lumber becomes warped, cracked and split. This is likewise true of lumber seasoned by present kiln-dried methods; while the lumber often becomes seriously affected by molds and incipient decay in the long process of drying on sticks in the open air. In the vulcanizing process it is asserted the organisms that cause mold and decay are killed and the dried lumber is thus rendered immune to this form of deterioration.

Large contracting and lumber concerns in the east and south are interested in the new process, one important railway system (the Southern) having observed exhaustive tests in vulcanizing railroad ties and authorizing statement, after the tests and practical test of vulcanized ties in railroad construction, that the ties so treated were better and lasted longer than the best creosoted ties. Plans are said to be on foot for the installation of lumber vulcanizing plants at several points in the south, as well as in the middle west, northwest and east. It is confidently predicted the new process, by which it becomes practically possible to convert into marketable lumber timbers never before capable of utilization will in a few years add millions of dollars to the revenues of lumber producing states of the south as well as other sections of the country.

India's Resources.
London, April 17.—The British government will shortly name a commission to make a survey of the economic resources and industrial possibilities of India, with a view to promoting business enterprise under the changed conditions that will follow the restoration of peace.

The chairman of the commission will be the Hon. Thomas Holland, professor of geology at Manchester University. He has for several years been director of the Indian Geological Survey.

BIG MACHINE GUN TO BE BROUGHT HERE

Will Be Brought From Clemson for Encampment-Fires rate 400 to Minute.

Probably one of the things during the Clemson encampment that will attract much attention will be the machine gun which will be brought down from Clemson. This will be located on the encampment grounds.

This gun is a Colt's .30 calibre, sets on tripod and fires at the rate of 400 bullets to the minute. However the belt only holds 120 cartridges and since some time is consumed in reloading, only about two rounds can be fired to the minute.

This gun is a new one at Clemson, having been installed there about three weeks ago. It will be fired in Anderson if a convenient place can be found which will be suitable.

ANDERSON GIRLS IN SHAKESPERIAN PAGEANT COLUMBIA

University Campus Will Be Scene Beautiful Celebration on April 25.

The Shakespeare pageant that will be given on the University campus in the capital city, April 25, should be of great interest to the people throughout the state. Two thousand or more people, composed of the students of the seminaries, the university, the colleges and public schools of the city will appear in costume in the pageant. This promises to be a beautiful and instructive celebration.

The masters of the pageant are Dr. Byrd, Dr. Currell of the University, Dr. Daniel of Columbia college, and Mr. Dreher, superintendent of the city schools.

The direction of the entire celebration is in charge of Miss Sara Spencer, who planned and directed the famous Elizabethan pageant given at Winthrop college several years ago.

The following representatives of Anderson county will take part in it: Miss Zora Merritt, of the graduating class is one of the "Fame Group"—Fame and her six attendants being members of the senior class; Miss Bernice Tillman, of the Frodo class in Anthony and Cleopatra; Miss Beatrice Merritt, as a musician in Twelfth Night; Miss Katherine Welch, of Piedmont; Sir Toby Belch in Twelfth Night and Miss Ellen Richardson, of Piedmont, as Soothsayer in Antony and Cleopatra.

ASK FOR and GET HORLICK'S THE ORIGINAL Malted Milk.
Cheap substitutes cost YOU more price.

Let us make your Easter Suit. American Tailors.

THOMAS JOSEPH AND JOSEPH THOMAS ARE CONING HERE



JOSEPH THOMAS WATTS

In the leadership of Sunday school progress in two states are Jos. T. and Thos. J. Watts, known well throughout the south as the Watts Boys.

Thos. J. Watts is at the head of the Baptist Sunday school movement in South Carolina. He is to have charge of the big Training school which begins at the First Baptist church, Anderson, April 23rd.

Jos. T. Watts, his brother, is at the head of the Sunday school bus-



THOMAS JOSEPH WATTS

ness for the state of Virginia. He is coming to help in the big Training school at Anderson.

These two men are a team in themselves. They are twins, born in Raleigh, N. C., about 10 years ago. Their good mother and father were Roman Catholics. The day they had been christened by the priest, one Joseph and the other Thomas, the mother got them mixed up and sent for the priest. In his perplexity the priest said, "It doesn't matter which is which, call one Thomas Joseph and the other Joseph Thomas and you will get it all in." So the people of Anderson will have the pleasure of hearing Thomas Josephs and Joseph Thomas Watts, both great leaders among the Baptists in Sunday school work in the south.

SEVERE PUNISHMENT

Of Mrs. Chappell, of Five Years Standing, Relieved by Cardui.

Mt. Airy, N. C.—Mrs. Sarah M. Chappell of this town, says: "I suffered for five years with womanly troubles, also stomach troubles, and my punishment was more than any one could tell. I tried most every kind of medicine, but none did me any good."

I read one day about Cardui, the woman's tonic, and I decided to try it. I had not taken but about six bottles until I was almost cured. It did me more good than all the other medicines I had tried, put together.

My friends began asking me why I looked so well, and I told them about Cardui. Several are now taking it."

Do you, lady reader, suffer from any of the ailments due to womanly trouble, such as headache, backache, sideache, sleeplessness, and that everlastingly tired feeling?

If so, let us urge you to give Cardui a trial. We feel confident it will help you, just as it has a million other women in the past half century.

Begin taking Cardui to-day. You won't regret it. All druggists.

Write to: Chattanooga Medicine Co., Ladies' Advisory Dept., Chattanooga, Tenn., for Special Instructions on your case and 64-page book, "Home Treatment for Women," in ladies wrapper. H.C. 124

Why Constipation Injures.

The bowels are the natural sewerage system of the body. When they become obstructed by constipation a part of the poisonous matter which they should carry off is absorbed into the system, making you feel dull and stupid, and interfering with the digestion and assimilation of food. This condition is quickly relieved by Chamberlain's Tablets. Obtainable everywhere.

DON'T SCOLD, MOTHER! THE CROSS CHILD IS BILIOUS, FEVERISH

Look at Tongue! If Coated, Clean Little Stomach, Liver, Bowels.

Don't scold your fretful, peevish child. See if tongue is coated, this is a sure sign its little stomach, liver and bowels are clogged with sour waste.

When listless, pale, feverish, full of cold, breath bad, throat sore, doesn't eat, sleep or act naturally, has stomach-ache, indigestion, diarrhoea, give a teaspoonful of California Syrup of Figs, and in a few hours all the foul waste, the sour bile and fermenting food passes out of the bowels and you have a well and playful child again. Children love this harmless "fruit laxative," and mothers can rest easy after giving it, because it never fails to make their little "insides" clean and sweet.

Keep it handy, Mother! A little given today saves a sick child tomorrow, but get the genuine. Ask your druggist for a 50-cent bottle of "California Syrup of Figs," which has directions for babies, children of all ages and for grown-ups plainly on the bottle. Remember there are counterfeits sold here, so surely look and see that yours is made by the "California Fig Syrup Company." Hand back with contempt any other fig syrup.

Pass Easter egg dyes 5c at Cox Stationery Co.

For neat and attractive Easter cards go to Cox Stationery Co.

ATTENTION! Automobile Buyers FOR SALE

- 1 Ford Light Delivery
- 1 Ford Runabout
- 1 Ford Touring Car

These cars have been used slightly and in guaranteed condition. The prices are right. If these are not what you want we have others.

Todd Auto Shop

15,000,000 SWEET POTATO PLANTS

ready to ship. 7000 bushels of potatoes bedded on our model farm. Scientifically grown to grow. Varieties: Early Triumph, Nancy Hall, Porto Rico, Georgia Yam \$1.50 per 1000. Prompt delivery and satisfaction guaranteed. Millions of sturdy Tomato Plants for sale. Valuable booklet free. Write now, before our high grade plants are gone. They never fail to give satisfactory results, and once you plant Ballard's you'll never have any others.
H. & B. BALLARD, Dept. T, ASHBURN, GA.

UGH! CALOMEL MAKES YOU SICK. DON'T STAY BILIOUS, CONSTIPATED

"Dodson's Liver Tone" Will Clean Your Sluggish Liver Better Than Calomel and Can Not Salfate.

Calomel makes you sick; you lose a day's work. Calomel is quicksilver and it salivates; calomel injures your liver. If you are bilious, feel lazy, sluggish and all knocked out, if your bowels are constipated and your head aches or stomach is sour, just take a spoonful of harmless Dodson's Liver Tone instead of using sickening, salivating calomel. Dodson's Liver Tone is real liver medicine. You'll know it next morning because you will wake up feeling fine, your liver will be working, your headache and dizziness gone, your stomach will be sweet and bowels regular. You will feel like working. You'll be cheerful, full of energy, vigor and ambition.

Your druggist or dealer sells you a 50-cent bottle of Dodson's Liver Tone under my personal guarantee that it will clean your sluggish liver better than nasty calomel; it won't make you sick and you can eat anything you want without being salivated. Your druggist guarantees that each spoonful will start your liver, clean your bowels and straighten you up by morning or you get your money back. Children gladly take Dodson's Liver Tone because it is pleasant tasting, and doesn't gripe or cramp or make them sick.

I am selling millions of bottles of Dodson's Liver Tone to people who have found that this pleasant, vegetable, liver medicine takes the place of dangerous calomel. Buy one bottle on my sound, reliable guarantee. Ask your druggist about me.

Piedmont & Northern RAILWAY COMPANY

"The Electric Way"

Easter Excursion TO GREENVILLE

Monday, April 24th ACCOUNT

BASEBALL

Between Dick Thompson's and J. W. Jordan's Anderson and Greenville Teams

Game to be called at Greenville at 3:30 P. M. P. & N. Park

Special Train Leaving Anderson 10:00 A. M. Arrive Greenville 11:50 A. M.

Round Trip Fare From

Anderson to Greenville75
Belton to Greenville75
Williamston to Greenville50
Pelzer to Greenville50
Piedmont to Greenville40

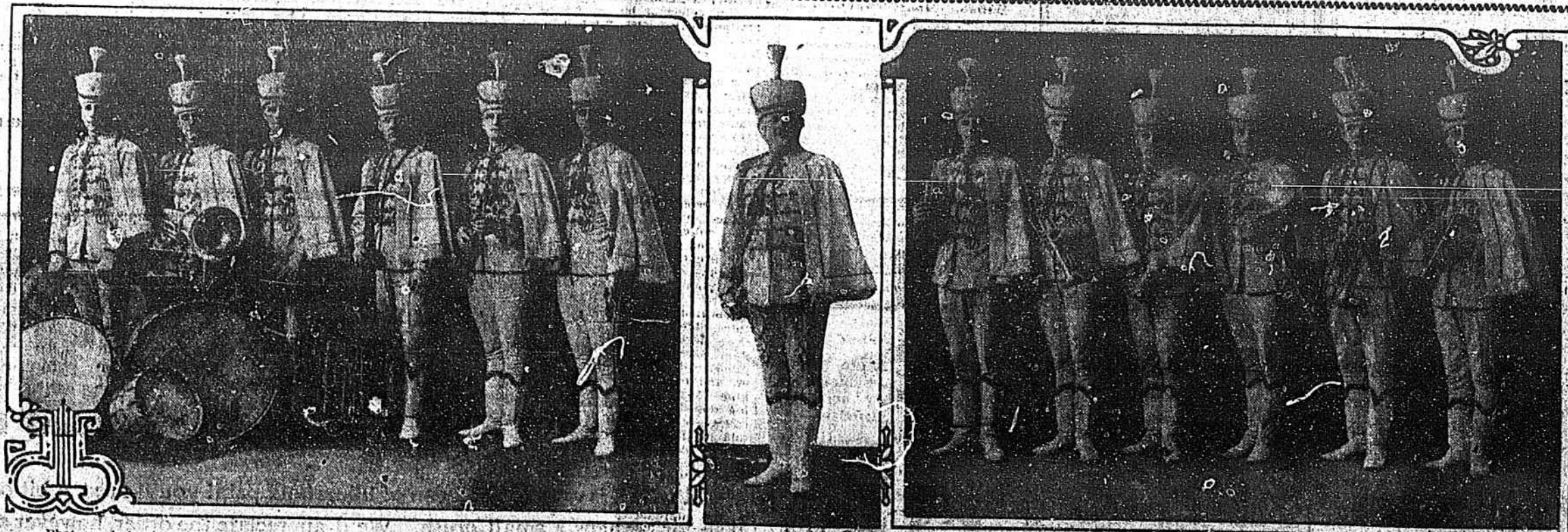
Tickets on sale April 24th only, good on special train leaving Anderson at 10:00 A. M., and returning on special train leaving Greenville at 11:00 P. M.

No baggage checked on this train. Tickets will be on sale at P. & N. ticket office, 113 Main St.

This is Strictly a Colored Train. Plenty Coach Space

For further information call on ticket agents, or call, or write K. W. THOM, Com'l Agent, Anderson, S. C. C. S. ALLEN, Traffic Manager, Greenville, S. C.

The White Hussars Coming on the Fifth Night of Chautauqua Week



Photograph by Frank Moore, Cleveland.

THE White Hussars, Alfred Sweet, musical director, have won fame through four years of transcontinental tours, in which they have appeared in nearly all the large cities of the country. They have developed the highest standard in band music. There are thirteen in this company, but the musical effect approximates a band of twenty. Their instrumentation is admirable. Also in the same program they appear as a vocal choir of equal merit, presenting some of the finest of serious compositions, delivered with distinct musical style, shading and intelligent attention to all phases of the interpretation.

Mr. Alfred Sweet, the musical director, is one of the great comedists of the day. He is also the principal baritone in the vocal choir. For three years Mr. Sweet was director of Ringling Brothers' Symphonic Band and did much to establish that great organization in its present place among American military bands. He has directed the White Hussars for the past three years. Also the same soloists who have contributed to the upbuilding of the company will be heard in its concerts at every Redpath Chautauqua.